

R. Zemar

1645

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/393,302

DATE: 05/08/2000  
TIME: 18:25:01

Input Set: I393302.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

1 <110> APPLICANT: Hovanessian, Ara  
2 Callebaut, Christian  
3 Krust, Bernard  
4 Jacotot, Etienne  
5 Muller, Sylviane  
6 Briand, Jean-Paul  
7 Guichard, Giles  
8 <120> TITLE OF INVENTION: A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,  
9 THERAPEUTIC AND DIAGNOSTIC USES.  
10 <130> FILE REFERENCE: 03495.0166-01000  
11 <140> CURRENT APPLICATION NUMBER: US/09/393,302  
12 <141> CURRENT FILING DATE: 1996-09-10  
13 <150> EARLIER APPLICATION NUMBER: PCT/EP98/01409  
14 <151> EARLIER FILING DATE: 1998-03-12  
15 <150> EARLIER APPLICATION NUMBER: 60/040,969  
16 <151> EARLIER FILING DATE: 1997-03-12  
17 <160> NUMBER OF SEQ ID NOS: 32  
18 <170> SOFTWARE: PatentIn Ver. 2.1  
19 <210> SEQ ID NO 1  
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21 <212> TYPE: DNA  
22 <213> ORGANISM: Artificial Sequence  
23 <220> FEATURE:  
24 <223> OTHER INFORMATION: Description of Artificial Sequence: cDNA  
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27 <210> SEQ ID NO 2  
28 <211> LENGTH: 30  
29 <212> TYPE: DNA  
30 <213> ORGANISM: Artificial Sequence  
31 <220> FEATURE:  
32 <223> OTHER INFORMATION: Description of Artificial Sequence: cDNA  
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35 <210> SEQ ID NO 3  
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42 gcagcaccat gtcggcgccg gcggccaaag 30  
43 <210> SEQ ID NO 4  
44 <211> LENGTH: 22

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45 <212> TYPE: DNA  
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55 <220> FEATURE:  
56 <223> OTHER INFORMATION: Description of Artificial Sequence: primer  
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63 <220> FEATURE:  
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79 <213> ORGANISM: Artificial Sequence  
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95  <213> ORGANISM: Human immunodeficiency virus
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100          20             25             30
101      Arg Gln Ala His Cys Asn Ile Ser
102          35             40
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104  <211> LENGTH: 39
105  <212> TYPE: PRT
106  <213> ORGANISM: Human immunodeficiency virus
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108      Asn Cys Thr Arg Pro Asn Asn Asn Thr Arg Lys Ser Ile His Ile Gly
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112      Gln Ala His Cys Asn Leu Ser
113          35
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122  <211> LENGTH: 14
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137  <212> TYPE: PRT
138  <213> ORGANISM: Homo sapiens
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142  <210> SEQ ID NO 16
143  <211> LENGTH: 15
144  <212> TYPE: PRT

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145 <213> ORGANISM: Homo sapiens  
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149 <210> SEQ ID NO 17  
150 <211> LENGTH: 7  
151 <212> TYPE: PRT  
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155 1 5  
156 <210> SEQ ID NO 18  
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161 Lys Gln Gly Thr Glu Ile Asp  
162 1 5  
163 <210> SEQ ID NO 19  
164 <211> LENGTH: 10  
165 <212> TYPE: PRT  
166 <213> ORGANISM: Homo sapiens  
167 <400> SEQUENCE: 19  
168 Lys Val Thr Leu Asp Trp Ala Lys Pro Lys  
169 1 5 10  
170 <210> SEQ ID NO 20  
171 <211> LENGTH: 7  
172 <212> TYPE: PRT  
173 <213> ORGANISM: Homo sapiens  
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178 <211> LENGTH: 16  
179 <212> TYPE: PRT  
180 <213> ORGANISM: Homo sapiens  
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182 <223> OTHER INFORMATION: Xaa at position 8 is unknown  
183 <400> SEQUENCE: 21  
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188 <212> TYPE: PRT  
189 <213> ORGANISM: Homo sapiens  
190 <400> SEQUENCE: 22  
191 Met Val Lys Leu Ala Lys Ala Gly Lys Asn Gln Gly Asp Pro Lys Lys  
192 1 5 10 15  
193 Met Ala Pro Pro Pro Lys Glu Val Glu Glu Asp Ser Glu Asp Glu Glu  
194 20 25 30

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197	Pro	Gln	Lys	Lys	Gly	Lys	Lys	Ala	Ala	Ala	Thr	Ser	Ala	Lys	Lys	Val
198			50					55					60			
199	Val	Val	Ser	Pro	Thr	Lys	Lys	Val	Ala	Val	Ala	Thr	Pro	Ala	Lys	Lys
200			65					70					75			80
201	Ala	Ala	Val	Thr	Pro	Gly	Lys	Lys	Ala	Ala	Ala	Thr	Pro	Ala	Lys	Lys
202						85						90				95
203	Thr	Val	Thr	Pro	Ala	Lys	Ala	Val	Thr	Thr	Pro	Gly	Lys	Lys	Gly	Ala
204					100					105					110	
205	Thr	Pro	Gly	Lys	Ala	Leu	Val	Ala	Thr	Pro	Gly	Lys	Lys	Gly	Ala	Ala
206			115							120				125		
207	Ile	Pro	Ala	Lys	Gly	Ala	Lys	Asn	Gly	Lys	Asn	Ala	Lys	Lys	Glu	Asp
208			130					135					140			
209	Ser	Asp	Glu	Glu	Glu	Asp	Asp	Asp	Ser	Glu	Glu	Asp	Glu	Glu	Asp	Asp
210			145					150					155			160
211	Glu	Asp	Glu	Asp	Glu	Asp	Glu	Asp	Glu	Ile	Glu	Pro	Ala	Ala	Met	Lys
212					165						170					175
213	Ala	Ala	Ala	Ala	Ala	Pro	Ala	Ser	Glu	Asp	Glu	Asp	Asp	Glu	Asp	Asp
214					180						185				190	
215	Glu	Asp	Asp	Glu	Asp	Asp	Asp	Asp	Asp	Glu	Glu	Asp	Asp	Ser	Glu	Glu
216			195							200				205		
217	Glu	Ala	Met	Glu	Thr	Thr	Pro	Ala	Lys	Gly	Lys	Lys	Ala	Ala	Lys	Val
218			210					215					220			
219	Val	Pro	Val	Lys	Ala	Lys	Asn	Val	Ala	Glu	Asp	Glu	Asp	Glu	Glu	Glu
220			225					230					235			240
221	Asp	Asp	Glu	Asp	Glu	Asp	Asp	Asp	Asp	Asp	Glu	Asp	Asp	Glu	Asp	Asp
222					245						250				255	
223	Asp	Asp	Glu	Asp	Asp	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Pro
224					260						265				270	
225	Val	Lys	Glu	Ala	Pro	Gly	Lys	Arg	Lys	Lys	Glu	Met	Ala	Lys	Gln	Lys
226			275								280				285	
227	Ala	Ala	Pro	Glu	Ala	Lys	Lys	Gln	Lys	Val	Glu	Gly	Thr	Glu	Pro	Thr
228			290					295					300			
229	Thr	Ala	Phe	Asn	Leu	Phe	Val	Gly	Asn	Leu	Asn	Phe	Asn	Lys	Ser	Ala
230			305					310					315			320
231	Pro	Glu	Leu	Lys	Thr	Gly	Ile	Ser	Asp	Val	Phe	Ala	Lys	Asn	Asp	Leu
232					325						330				335	
233	Ala	Val	Val	Asp	Val	Arg	Ile	Gly	Met	Thr	Arg	Lys	Phe	Gly	Tyr	Val
234					340						345				350	
235	Asp	Phe	Glu	Ser	Ala	Glu	Asp	Leu	Glu	Lys	Ala	Leu	Glu	Leu	Thr	Gly
236			355								360				365	
237	Leu	Lys	Val	Phe	Gly	Asn	Glu	Ile	Lys	Leu	Glu	Lys	Pro	Lys	Gly	Lys
238			370					375					380			
239	Asp	Ser	Lys	Lys	Glu	Arg	Asp	Ala	Arg	Thr	Leu	Leu	Ala	Lys	Asn	Leu
240			385					390					395			400
241	Pro	Tyr	Lys	Val	Thr	Gln	Asp	Glu	Leu	Lys	Glu	Val	Phe	Glu	Asp	Ala
242					405						410				415	
243	Ala	Glu	Ile	Arg	Leu	Val	Ser	Lys	Asp	Gly	Lys	Ser	Lys	Gly	Ile	Ala
244					420						425				430	

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Line ? Error/Warning

Original Text

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184 W "N" or "Xaa" used: Feature required

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